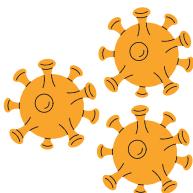


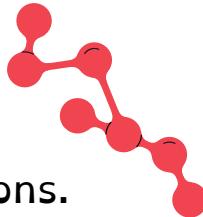
ESCAPE LAB

A JOURNEY INTO DRUG DISCOVERY



Viruses are bugs that can make us feel unwell.

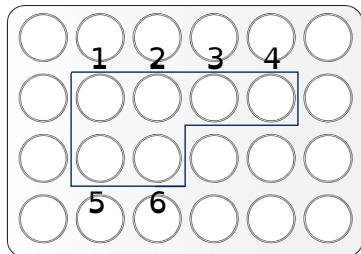
In our lab, we work on medicines called antiviral compounds to stop infections.



We need your help to find a new antiviral compound to fight the virus!

Name:

1 Test the compounds



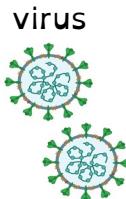
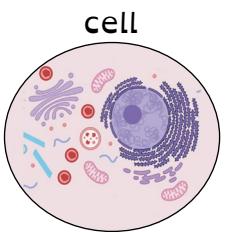
Colour in
the plate!

Add your compounds
to the plate.

If the colour changes
to **BLUE**, the drug
has worked!

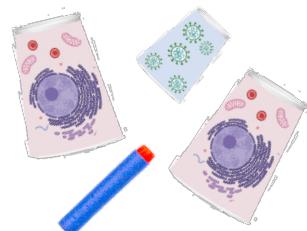
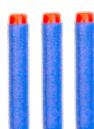
Which compounds
stopped the virus?

2 Are the compound safe?



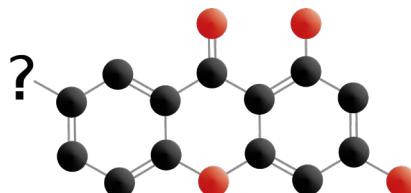
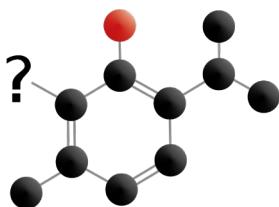
We want to
stop the virus
but not the cell!

Bring your compounds
to the Cytotoxicity
Station to test them!



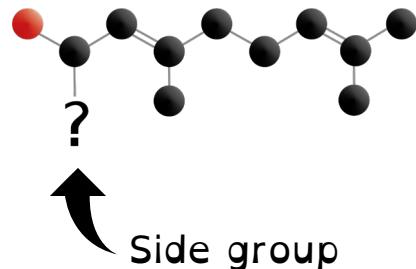
3

Cytotoxicity Station!



Which compound stops the virus without damaging the cells?

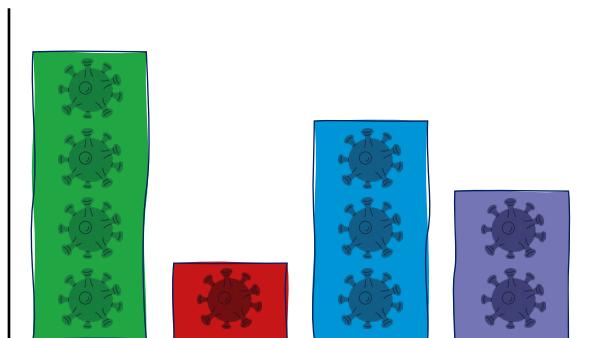
Circle it!



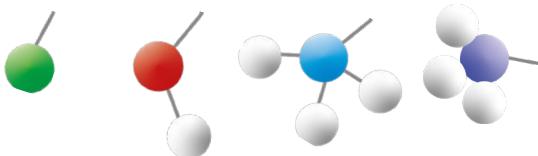
Side group
goes here

4

Modify your compound

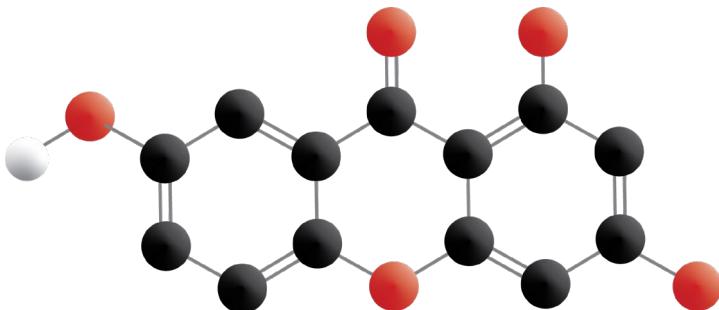


Which side group is best at reducing the amount of virus?



5

Now build your compound!



Place your
sticker here!

We are a research group at De Montfort University. Our research focusses on infection control and antiviral drug discovery. You can find more about us here: shivkumarlab.co.uk.

